UNIVERSITY OF MYSORE

Notification No. 20003, *dated the* 12*th April* 1938.

The following abstract proceedings of the 94th Meeting of the Senate (annual) held at the University Union, Mysore, on the 26th March 1938, are published for information.

Abstract Proceedings.

PRESENT.

1. *Rajakaryapravina* Mr. N. S. Subba Rao, M.A., Bar.-at-Law, *Vice-Chancellor and Chairman.*
2. Mr. E. G. McAlpine, M.A. (Edin.), Dip. Edn. (Edin.), V.D., J.P.
3. ,, M. Sultan Mohiyuddin, M.A., LL.B, M.Ed.
4. ,, D. V. Gundappa.
5. ,, Mirle N. Lakshminaranappa, B.A., LL.B.
6. *Rajasevasakta* Mr. B. K. Narayana Rao, B.A., M.B.C.M., L.R.C.P., M.R.C.S., D.P.H., D.O.
7. Dr. A. Subba Rau, B.A., D.Sc. (Lond.), F.R.M.S.
8. Mr. J. C. Rollo, B.A. (Oxon.), M.A. (Glas.), J.P.
9. Dr. J. F. Robinson, B.A., M.D., F.A.C.S., F.R.C.S. (Edin.)
10. Mr. A. R. Wadia, B.A. (Cantab.), Bar.-at-Law.
11. ,, Gulam Ahmed Kalami.
12. *Sastravaidyapravina* Mr. S. Subba Rao, B.A., M.B.C.M., L.R.C.P. (Lond). M.R.C.S. (Eng.), D P.H.
13. Mr. C. Abdul Ghani, B.A., B.L.
14. ,, V Gopalaswami Aiengar, M.A.
15. ,, E. K. Ramaswami, B.Sc. (Lond.), A C.G.I., M.A.S.M.E., M.I.E. (India).
16. ,, A. B. Mackintosh, M.A. (Oxon. & St. Andrews).
17. ,, B. M. Srikantia, M.A., B.L.
18. Dr. M. A. Sampathkumaran, M.A., Ph.D., S.M. (Chicago).
19. Mr. L. Rama Rao, M.A., F.G.S.
20. Dr. B. L. Manjunath, B.A., M.Sc. (Lond.), D.Phil. (Oxon.)
21. Mr. K. B. Madhava, M.A., F.R.A.S., A.I.A. (Lond.)
22. Dr. M. Siddalingaiya, M.A., B.T., Dip. Edn , Ph.D. (Columbia).
23. Mr. A. Venkateshiah, B.A., LL.B.
24. ,, M. Sesha Iyengar, M.A.
25. ,, M. Ramachandra Rao, B.A., B.L.
26. ,, G. R. Josyer, M.A., F.R.A S.
27. ,, V. Lingappiah, B.A., LL.B.
28. ,, P. Murugesam Pillay.
29. *Khan Bahadur* Mr. Mahomed Abbas Khan.
30. Mr. K. R. Subbannachar, B.A., LL.B.
31. ,, T. Ramachandra.
32. ,, B. L. Byanna.
33. ,, B. Marulappa, B.A., LL.B.
34. ,, T. Mariappa, B A., LL.B.
35. ,, N. Channappa, B.A., B.L.
36. ,, T. Madiah Gowda, B.A., LL.B.
37. ,, V. Venkataswami Chetty.
38. ,, Aga Mahomed Abbas Shustery.
39. Rev. R. W. Boote, B.Sc.
40. Mr. H. C. Dasappa, B.A., LL.B.
41. ,, S. G. Forbes, E.E., B.Sc. (E. & M.E.), M.A.I.E.E.
42. *Rajacharitavisarada Rao Sahib* Mr. C. Hayavadana Rao, B.A., B.L.
43. Sri B. Indiramma, M.A.
44. Mr. B. Krishnaswami Iyengar, L.C.E., M.I.E. (Ind.)
45. Rev. Father A. Ambruzzi, S.J.
46. Mr. B. S. Puttaswami, B.A., B.L.
47. Mr. B. Venkatanaranappa, M.A.
48. ,, M. Venkatesa Iyengar, M.A.
49. *Rao Bahadur* Mr. B. Venkatesachar, M.A., F.Inst.P.
50. Sir Martin Forster, F.R.S.
51. Mr. K. S. K. Iyengar, B.A. (Cantab.)
52. ,, S. Venkatesaiya, B.A., B.L.
53. ,, M. S H. Thompson, B.A., I.E.S.
54. Miss J. M. Black, M.A. (Aberdeen), B.A. (Oxon.)

ABSENT.

1. Mr. V. L. D'Souza, B.A., B.Com.
2. *Diwan Bahadur* Mr. N. N. Ayyangar, B.A., L.C.E., M.I.E. (Ind.)
3. *Rajasevasakta Diwan Bahadur* Dr. S. Krishnaswami Aiengar, M.A., Ph.D. (Honorary).
4. Mr. A. V. Ramanathan, B.A.
5. Sri K. D. Rukminiamma, B.A.
6. *Moin-ul-Vizarath* Mr. A. K Syed Taj Peeran, B.A.
7. Mr. K. T. Bhashyam Aiyangar, B.A., B.L.
8. ,, J. Mahomed Imam, B.A., B.L.
9. ,, C. R. Narayana Rao, M.A., L.T.
10. ,, Bhoopalam Chandrasekhara Setty, B.A.
11. *Rajasevasakta* Mr. S. Hiriyannaiya, M.A., B.L.

I. PRELIMINARY.

Before proceeding to the business on the agenda, the Vice-Chancellor referred to the retirement of Mrs. H. S. Hensman, Principal, Maharani's College, Mysore, after nearly 20 years of valuable service.

The Vice-Chancellor next welcomed the following new members of the Senate :—

1. Miss J. M. Black (Nominated by Government).
2. *Khan Bahadur* Mr. Abbas Khan
3. Mr. P. Murugesam Pillai } Elected by the Legislative Council.
4. ,, K. R. Subbannachar

II. APPOINTMENT.

Mr. A. Venkatesiah was appointed representative of the Senate on the University District Scout Council.

III. REPORTS.

The following reports were furnished to the Senate :—

1. Annual Report for 1936-37 :

Mr. B. Venkatanaranappa drew attention to a discrepancy between the strength of the Academic Council and the average attendance (on page 3), to the rather low percentage of attendance in the Maharani's College and in the Medical School (page 7), to an error in printing 'B.A.' for 'B.Sc.' (on page 11) and to the absence of any in the first or second class in the B.T. degree examination of 1937.

Mr. M. Ramachandra Rao asked for information regarding the action taken on the recommendations of the Senate (page 6). The information was supplied.

The Report was recorded.

2. Annual accounts for 1936-1937 and Audit Report thereon :

Referring to the remarks furnished on the Audit Report, Mr. C. Hayavadana Rao suggested that books which were considered out of date need not be thrown away but might be kept separately for purposes of comparative study though not for consultation by students.

Mr. K. R. Subbannachar observed that the defects pointed out could have been easily avoided with greater care.

The accounts and the audit report were then recorded.

3. Vacation lectures for teachers of High Schools who have not undergone any regular training in teaching :

(*a*) The following proposition on the agenda of the Senate Meeting held on the 22nd March 1937 :—

That it be a recommendation to the University Council that a course of four weeks during the long vacation be made a part of the programme of the University Extension Lectures for the benefit of those engaged in the teaching profession who have not undergone any regular training in 'Teaching.'

(*b*) Opinion furnished by the Director of Public Instruction in Mysore (**Appendix A**).

(*c*) Resolution of the University Council, dated the 15th May 1937 :

"That the proposition together with the opinion furnished by the Director of Public Instruction be communicated to the Principals, Central and Maharaja's Colleges, for formulating detailed proposals."

(*d*) Opinion of the Maharaja's College Council and of the committee constituted by the Central College (**Appendix B**).

(*e*) Resolution of the University Council, dated the 11th December 1937 :

"That a report be furnished to the Senate with a statement of cost that the proposals will be considered when finances permit."

(*f*) Statement of cost (**Appendix C**).

The Vice-Chancellor announced that arrangements had been made for the holding of the Summer School of Geography at Bangalore in April and May 1938 by the Geographical Association of Madras.

Recorded.

4. Reduction in the scale of tuition fees :

(*a*) The following proposition passed at the Senate meeting held on the 27th November 1937 :—

"That it be a recommendation to the University Council that the scale of tuition fees levied in all the colleges (Technical and Medical Schools, etc.) in the State be reduced to the old scale in view of economic depression."

(*b*) Resolution of the University Council, dated the 11th December 1937.

"That while the University Council is in sympathy with the recommendation, it regrets that financial conditions do not permit of the adoption of the recommendation."

(*c*) Comparative statement of fee income (**Appendix D**).

It was suggested that the University Council while expressing sympathy with the recommendation should make a definite recommendation to Government. The Vice-Chancellor remarked that it was open to any member to have tabled a proposition in respect of the resolution and that no further action was possible in the absence of a resolution.

IV. PROPOSITIONS.

Proposition 1.—That the budget estimates of receipts and expenditure of the University for 1938-39, as framed by the University Council in consultation with the Committee of Finance be approved.

Moved by MR. J. C. ROLLO and seconded by MR. D. V. GUNDAPPA.

In the course of discussion, permission of the House was asked to move a proposition for reducing the income on fee receipts by Rs. 35,000 and correspondingly for reducing the expenditure on 'salaries' by Rs. 35,000. The permission was not granted.

In reply to an enquiry it was stated that proposals under 'fresh grants' could not become effective, unless Government sanctioned the grants required.

After further discussion and reply by the mover **the proposition was carried.**

Proposition 2.—That the University recommend to Government the amendment of the University Act so as to give power to the University to affiliate institutions within the State.

(*Vide* **Appendix E** for a note on the point.)

Moved by MR. E. G. MCALPINE and seconded by MR. M. RAMACHANDRA RAO.

The proposition was carried.

Proposition 3.—That the Senate assent to the following amendment of Ordinance 34 under B—Arts and Science courses (pages 48-49 of the Calendar for 1937-38, Vol. I), passed by the University Council at the meeting held on the 15th January 1938 :—

Add at the end :

"Provided that in respect of students taking the three years Master's Degree course under Ordinance 90 (*b*), the fee in the first year of the course shall be Rs. 90 for M. A. and and Rs. 100 for M. Sc."

Moved by MR. A. B. MACKINTOSH and seconded by MR. A. R. WADIA.

The proposition was carried.

Proposition. 4.—That the Senate assent to the following amendment of Ordinance 11 (page 43 of the Calendar for 1937-38, Vol. I) passed by the University Council at the meeting held on the 11th December 1937 :—

Substitute the following *for* the first paragraph of the Ordinance :—

"No admission shall be made later than a fortnight from the date of commencement of the session except with the previous approval of the Vice-Chancellor."

The Ordinance as amended will read as under :—

11. No admission shall be made later than a fortnight from the date of commencement of the session except with the previous approval of the Vice-Chancellor.

In other special cases where the approval of the University Council or of the Vice-Chancellor is required, the heads of institutions may admit students provisionally, in which case, attendance shall be counted during the provisional period, should such admissions be approved.

Moved by MR. J. C. ROLLO and seconded by MR. A. R. WADIA.

The proposition was carried.

Proposition 5.—That the Senate assent to the revised detailed courses of study for the B.T. degree examination, recommended by the Board of Studies in Teaching, passed by the Academic Council at the meeting held on the 29th January 1938 and approved by the University Council at the meeting held on the 26th February 1938 (**Appendix F**).

Moved by DR. M. SIDDALINGAIYA and seconded by MR. D. V. GUNDAPPA.

The proposition was carried.

Proposition 6.—That the Senate assent to the following consequential amendment of note 2 under Ordinance 93 (page 63, Vol. I of the Calendar for 1937-38), passed by the Academic Council at the meeting held on the 29th January 1938 and approved by the University Council at the meeting held on the 26th February 1938 :—

Substitute the following *for* the original :—

NOTE—2. The course in respect of 'Methods' under group A and of 'Practice in Teaching' under group B shall comprise—

(i) teaching of English Compulsory (Section A)

(ii) the teaching of *one* of the following subjects—

English Optional (Section B), History, Geography, Mathematics, Science.

Moved by DR. M. SIDDALINGAIYA and seconded by MR. D. V. GUNDAPPA.

The proposition was carried.

Proposition 7.—That the Senate assent to the following addition to the list of special subjects (Group A) for the B.Sc. Honours degree examination in Mathematics (page 232 of the Calendar for 1937-38, Vol. I), recommended by the Board of Studies in Mathematics, passed by the Academic Council at the meeting held on the 29th January 1938 and approved by the University Council at the meeting held on the 26th February 1938 :—

General Statistics.
Probability and Finite Differences.

Moved by Mr. K. B. MADHAVA and seconded by MR. K. S. K. IYENGAR.

The proposition was carried.

Proposition 8.—That the Senate assent to the following modification of the detailed course of studies in Logic for the Intermediate Examination in Arts (page 119 of the Calendar for 1937-38, Vol. I) recommended by the Board of Studies in Mental and Moral Science, passed by the Academic Council at the meeting held on the 29th January 1938 and approved by the University Council at the meeting held on the 26th February 1938 :—

Substitute the following *for* the existing :—

3. *Logic.*

As in Welton's Groundwork of Logic supplemented by Jepson's Clear Thinking

Moved by MR. A. R. WADIA and seconded by MR. T. MARIAPPA.

The proposition was carried.

Proposition 9.—That the Senate assent to the following revised course of studies in History for the B.A. Honours degree examination recommended by the Board of Studies in History, passed the by Academic Council at the meeting held on the 29th January 1938 and approved by the University Council at the meeting held on the 26th February 1938 :—

A. *Major subject* : (8 papers)—

(1) History of India to 1300 A.D.
(2) History of India from 1300 A.D.
(3) European History from 1789
(4) British Constitutional History
(5) A special subject to be prescribed from time to time
(6) Economics
(7) Politics
(8) Essay

B. *Minor Subject* : (4 papers)—

(1) Archæology
(2) History of Civilization
(3) Recent Economic History of India
(4) Public Administration

[Detailed syllabus as in **Appendix G.**]

Moved by MR. C. HAYAVADANA RAO and seconded by MR. M. RAMACHANDRA RAO.

The proposition was carried.

Proposition 10.—That the Senate assent to the following revised course of studies in Economics for the B.A. Honours degree examination, recommended by the Board of Studies in Economics, Political Science and Statistics, passed by the Academic Council at the meeting held on the 29th January 1938 and approved by the University Council at the meeting held on the 26th February 1938 :—

Major Subject : (8 papers)—

(1) Economic Principles
(2) Money
(3) Structure and Problems of Modern Industry
(4) Public Finance
(5) Economic History
(6) Politics
(7) Essay
(8) Special subject.

NOTE.—The special subject will be prescribed from time to time.

Minor Subject : (4 papers)—Same as for B.A.

One of the following groups :—

(A) Recent Economic History of India
Elements of Statistics
History of India to 1300 A.D.
History of India after 1300 A.D.

(B) Recent Economic History of India
Elements of Statistics
Principles of Sociology, I
Principles of Sociology, II

(C) Recent Economic History of India
Pure Mathematics, I
Pure Mathematics, II
Applied Mathematics—General Statistics, etc.

Moved by MR. C. HAYAVADANA RAO and seconded by MR. B. L. BYANNA.

The proposition was carried.

Proposition 11.—That the Senate assent to the proposal of the Academic Council, approved by the University Council that Post-Secondary Diploma Courses be instituted in the University, and to the appended amendments to the Laws of the University passed by the Academic Council at the meeting held on the 26th March 1938 and approved by the University Council at the meeting held on the same date (**Appendix H**).

Moved by MR. E. G. MCALPINE and seconded by MR. M. RAMACHANDRA RAO.

Messrs. C. Hayavadana Ra[o], T. Ramachandra and S. Venkatesaiya, spoke in support of the proposition.

Mr. T. Ramachandra [s]uggested that provision should be made for the S.S.L.C. holders under the old rules also [t]o be eligible for the Diploma Courses after, if necessary, a further year's training in the H[i]gh School Course He also suggested the appointment of a committee of industrialists and [e]ducationists to function as an Employment Bureau for diploma holders.

Mr. S. Venkatesaiya obs[e]rved that larger grants from Government might be necessary with the introduction of th[e] Diploma Courses and suggested the desirability of keeping the accounts connected with Di[p]loma Courses separate from the accounts connected with the ordinary courses in the Uni[v]ersity.

The [p]roposition as moved was carried.

Proposition 12.—That it be [a] recommendation to the Academic Council to introduce Kannada optionally as the medi[u]m of instruction at least in one of the non-language subjects of each group of studies in the I[n]termediate colleges and necessary preparations for the same be undertaken immediately.

Moved by MR. T. MADIAH [G]OWDA in the absence of Mr. Bhoopalam R. Chandrasekhara Setty who had given notice o[f] the proposition, and seconded by MR. V. VENKATASWAMI CHETTY.

Mr. K. R. Subbannachar [s]poke in support of the proposition and suggested the need for producing text-books in Kan[n]ada and consequently the necessity for making larger grants for Kannada publications.

Mr. D. V. Gundappa whi[l]e agreeing with the spirit of the proposition thought that the University must be slow in a[d]opting it.

Mr. K. S. K. Iyengar, E.[ ]. McAlpine and M. Ramachandra Rao were opposed to the proposition on the ground [t]hat the introduction of the Kannada medium would adversely affect Inter-University [r]elations and the chances of students of the University at competitive examinations outside

Mr. M. Venkatesa Iyengar i[n]vited attention to the word 'optionally' in the proposition and remarked that there was no [i]ntention in the proposition to compel the Kannada medium but only to give an option in res[p]ect of it.

With the permission of the [H]ouse, the mover *withdrew* the proposition.

Proposition 13.—That the S[e]nate recommends that, in view of vacancies occuring in the University in the cadre of profess[o]rships in English in the next two or three years, two of the successful and efficient Assi[s]tant Professors of English be deputed to undergo post-graduate training in English Lite[r]ature in a recognised English University.

Proposition 14.—That the [S]enate recommends that arrangements be made for the teaching of Hindi in the Universi[t]y from June 1938, as there has been a good demand during these three years for the study of [H]indi.

The Vice-Chancellor drew [t]he attention of the member to the action already taken by the University in re[s]pect of the points raised in propositions 13 and 14. The propositions were not [m]oved.

N. S. SUBBA RAO,
Vice-Chancellor and Chairman.

APPENDIX A.

Letter No. L. Dis. 4173-431[-]36-37, dated the 30th April, 1937, from the Director of Public Instruction, Bangalore, to [t]he Registrar, University of Mysore.

With reference to your letter [N]o. 22074, dated 3rd April 1937, forwarding for opinion a copy of a resolution passed by the [S]enate at the Meeting held on 22nd March 1937, regarding a course of vacation lectures [f]or the benefit of untrained teachers in High Schools, I have the honour to state that sh[o]rt vacation courses are not likely to be of much use to teachers who have not undergone [r]egular training in "Teaching" and who therefore have no formal pedagogic background.

But courses of lectures of abo[u]t six weeks on subjects taught in the school, *e. g.*, English, Geography, Biology, Mathematics [S]cience, etc., (both on academical and professional sides) by competent persons would certa[i]nly prove useful not only to untrained teachers but also to trained teachers. If the Univers[i]ty arranges for the lectures, the Department will take steps to depute teachers to take su[c]h courses.

The scheme referred to in th[i]s office letter No. A3. 5781-731 of 27-28, dated 11th July 1928, was not worked.

APPENDIX B.

Letter No. 1257, dated the 26th October 1937, from the Principal, Maharaja's College, Mysore, to the Registrar, University of Mysore.

With reference to your letter No. 24651-52, dated the 18th May 1937, I have the honour to inform you that the matter has been considered by the College Council, who confined their attention to *arts* subjects.

The following are the views of the College Council. The remarks refer to each subject—

1. The period might be one of four weeks, since it does not seem desirable to deprive a teacher almost entirely of his vacation, and concentrated study for four weeks should be sufficient.
2. In addition to at least two hours' lecturing daily, there should be tutorial and library work, etc., and the work done by those attending should be tested by the lecturer.
3. The arts subjects in which such courses are most required are English, History, Geography and Mathematics.
4. The lecturers should, as a rule, be professors. They should lecture at their own headquarters.
5. The library of the College at that headquarters should be available to those attending the lectures.
6. In view of the exacting nature of the work, an honorarium of Rs. 500 for each lecturer is proposed.
7. There will be a small expenditure upon stationery.

Letter No. 1533, dated the 19th November 1937, from the Principal, Central College, Bangalore, to the Registrar, University of Mysore.

With reference to your D. O. letter No. 8915-16, dated the 22nd October 1937, regarding the vacation lectures for teachers of High Schools, I have to inform you that a committee was constituted as under with reference to this matter. The following are the views of the committee which met on November 19th :—

1. That the duration of the course should be 4 weeks.
2. That there should be 2 hours lectures and in science subjects two hours practical work for each student 5 days a week.
3. That the subjects for the course should include English, Mathematics, Geography, Physics, Botany, Zoology and Chemistry.
4. That the number of teachers admitted to the courses should not exceed 40 in all.
5. That an honorarium of Rs. 250 may be paid to each professor, Rs 75 to each demonstrator or teacher assisting in the practical course and Rs. 12 to each peon or attender. Rs. 150 may be allowed as the cost of material for each department.
6. That Kannada should be one of the subjects of the course.

COMMITTEE.

1.	Mr. A. B. Mackintosh	8.	Dr. B. L. Manjunath
2.	„ B. M. Srikantia	9.	Mr. C. K. Sundarachar
3.	„ B. S. Madhava Rao	10.	„ L. Narayana Rao
4.	Dr. M. A. Sampathkumaran	11.	„ A. Narayana Rao
5.	„ B. Sanjiva Rao	12.	„ S. V. Ranganna
6.	Mr. A. V. Telang	13.	„ M. Sesha Iyengar
7.	„ L. Rama Rao		

APPENDIX C.

Statement referred to in item 3 (f) under 'II—Reports'

				Rs.
(1) Professors	... English, Mathematics, Physics, Botany, Zoology, Chemistry, History and Geography.	... 8×500	...	4,000
(2) Demonstrators	... Physics, Chemistry, Zoology and Botany.	... 4×75	...	300
(3) Peons	...	... 12×8	...	96
(4) Cost of material	... Four Science departments (Rs. 150 each)	...	...	600
			...	4,996

APPENDIX D.

Comparative statement of fee income according to the present scale and the scale of 1926-27.

College	Class	37-38 No. of students	Total	Rate of fee		Total fees, etc.		Reduction
				1937-38	1926-27	1937-38	1926-27	
M. C. ...	Jr. B.A. ...	81	148	96	60	14,208	8,880	5,328
	Sr. B.A. ...	67						
	Jr. B.Sc. ...	18	37	120	60	4,440	2,220	2,220
	Sr. B.Sc. ...	19						
	I. B.A. Hons. ...	33						
	II Do ...	43	106	120	60	12,720	6,360	6,360
	III Do ...	30						
	M.A. ...	16	16	120	60	1,920	960	960
	B.T. ...	43	43	120	60	5,160	2,580	2,580
C. C. ...	Jr. B.Sc. ...	101	225	120	60	27,000	13,500	13,500
	Sr. B Sc. ...	124						
	Jr. B.A. ...	13	32	96	60	3,072	1,920	1,152
	Sr. B.A. ...	19						
	I B.Sc. Hons. ...	35						
	II Do ...	42	102	144	60	14,688	6,720	7,968
	III Do ...	25						
	M.Sc. ...	15	15	144	60	2,160	900	1,260
Mah. C. ...	Jr. Inter. ...	13	28					
	Sr. Inter. ...	15						
	Jr. B.A. ...	3	13					
	Sr. B.A. ...	10						
Med. C. ...	Pre-Med. ...	80	30	72	no class			
	I M.B. ...	29						
	II M.B. ...	29						
	III M.B. ...	23	121	200	200	24,200	24,200	
	IV M B. ...	18						
	Final M.B. ...	22						
I.C.M. ...	Jr. Inter. A. ...	124	A. 254	72	48	18,288	12,192	6,096
	Sc. ...	135						
	Sr. Inter. A. ...	130	Sc. 252	88	48	22,176	12,096	10,080
	Sc. ...	117						
I.C.B. ...	Jr. Inter. A. ...	117	A. 289	72	48	17,208	11,472	5,736
	Sc. ...	330						
	Sr. Inter. A. ...	122	Sc. 669	88	48	68,872	32,112	36,760
	Sc. ...	339						
E.C. ...	I B.E. ...	59						
	II B.E. ...	44						
	III B.E. ...	58	199	150	100	29,850	19,900	9,950
	IV B.E. ...	38						
Med. S. ...	I L.M.P. ...	47						
	II do ...	63						
	III do ...	69	259	60	60	15,540	15,540	...
	IV do ...	80						
W.I.C.B. ...	Jr. Inter. A. ...	16						
	Sc. ...	39						
	Sr. Inter. A. ...	16	109	...	...	...	...	...
	Sc. ...	38						
						2,81,502	1,71,552	1,09,950

Deduction on account of free-studentships ...	...	32,730
Net reduction in income ...	...	77,200

APPENDIX E.

Note on the powers of the University to affiliate Institutions

Under Section 5 (*b*) of the University Act III of 1933, the University has power to grant diplomas, certificates or other distinctions to persons who have pursued a course of study under conditions approved by the University. Under clause (*f*) of the same section, the University has power to do all such other acts and things as may be required in order to further the objects of the University as a teaching and examining body.

Section 17 of the Act lays down that colleges, schools and other institutions for study and research shall be maintained by the University according to the provision of the statutes.

Statute 67 prescribes that in addition to the constituent colleges (enumerated in Section 3 of the Act) the University shall maintain the following teaching institutions, namely:—

1. The Intermediate College, Mysore,
2. The Intermediate College, Bangalore,
3. The Intermediate College for Women, Bangalore,
4. The Medical School, Bangalore,

and such other teaching institutions as the University may, from time to time, decide to conduct with the sanction of Government.

Ordinance 17 prescribes that no attendance for instruction in any institution other than an institution conducted by the University shall qualify for admission to any examination of the University.

Prior to the institution of the Intermediate course, the University had power under the then Ordinances 108-114 to recognise collegiate high schools for purposes of the Entrance Class.

In connection with the reorganization of the University courses and laws, the Reorganization Committee proposed that there shall be two classes of colleges in the University, namely, Constituent Colleges and Intermediate Colleges, and the status of colleges shall be defined in the Ordinances. The Intermediate Colleges shall, like the Constituent Colleges, be conducted as integral part of the University in respect of finance and administration. At the senate meeting held in November 1925 at which the Reorganization Committee's proposals were considered, an amendment was moved to this proposition in order to secure the addition of the following:—

> and provision shall also be made for the recognition of the colleges which may be opened by private agencies and which shall meet the University requirements with regard to educational efficiency.

This amendment was not accepted by the Senate.

At the meeting of the University Council held on the 11th December 1937, the Council resolved that the Laws of the University as they stand do not permit affiliation of institutions, but that the Council is agreeable to the University Act being amended with a view to permitting affiliation.

At the meeting held on the 29th January 1938, the Academic Council *resolved* in favour of amending the University Act so as to secure for the University the power to affiliate institutions.

APPENDIX F.

REVISED DETAILED COURSES OF STUDY FOR THE B.T. DEGREE EXAMINATION.

I. Principles of Education.

1. The need for an Adequate Philosophy of Life and Education. The changing nature of the present-day world. The demands on education. The problems of life and education in India. Relation between them.

2. The Aims of Education. A historical and critical survey of some educational aims. Narrow aims: Mind-body. Intellect-character, practical efficiency—personal culture, knowledge-mental power. Comprehensive aims; Harmonious development of the individual, personal and social growth, Education as continuous reconstruction of experience. Aims in terms of human wants.

3. The Agencies of Education: The Family. The Community. The Church. The State. The School. Their inter-dependence.

4. Data of Education: Innate tendencies of the child. Social inheritance. Nature and nurture. Individual differences and their educational implications.

5. Material of Instruction: The various stages of child development and the curriculum for different stages.

6. The curriculum: Principles of curriculum construction. Objectives, a basis for curriculum construction. School studies, their values and their classification.

7. The Method of Instruction: General Principles.

8. Outcomes of the Educational Process: Knowledge, meanings, facts, principles; habits, skills; and ideals and attitudes.

9. The Method of Appraisal: General Principles.

Recent Developments in Educational Practice. The Project Method. The Dalton Plan, The Howard Plan, The Winnetka Plan, The Garay Plan, The Platoon School, Nursery Education.

BOOKS FOR STUDY.

1. Raymont, T. :—Principles of Education.
2. Deway, J. :—Democracy and Education.

BOOKS FOR REFERENCE.

1. Kilpatrick, W. H. :—Education for a Changing Civilization.
2. Nunn, T. P. :—Education—Its Data and First Principles.
3. Burton, W. H. :—Introduction to Education.
4. Russell, B. :—Education and the Social Order.
5. Bode, B. H. :—Modern Educational Theories.
6. Adams, J. :—Modern Developments in Educational Practice.
7. Thorndike, E. L. and Gates, A. I. :—Elementary Principles of Education.
8. Findlay, J. J. :—The Foundations of Education, Vols. I and II.

II. Educational Psychology including Mental and Educational Measurements.

(The syllabus has been recently revised and hence no change is suggested.)

III. Methods of Teaching Particular Subjects.

A. ENGLISH (COMPULSORY)—

1. Language in human life. General Principles of teaching and learning languages.
2. Ancient and Modern languages. Mother-tongue and foreign tongue—Principles applicable to their teaching.
3. Aims of language teaching :
   (1) Comprehension
   (2) Expression
   (3) Appreciation linguistic and aesthetic.
4. The language problem in India. Position of vernaculars and of English.
5. Methods of Teaching :
   (1) Direct Method; (2) Translation Method; (3) Comparative Method; (4) West's New Method.
6. Teaching of Reading, Handwriting, Spelling, Grammar and Composition.
7. Teaching of English prose and poetry; Cultivation of understanding and appreciation.

B. ENGLISH (OPTIONAL)—

1. Phonetics. Reading and writing of phonetic matter. Speech training.
2. Rhetoric and style. Principles of effective narration, description and exposition. Examples from literature.
3. Literary forms in (1) Prose, (2) Poetry; Discussion with examples.
4. Methods of Teaching Literature with special reference to the higher classes in the High School.

C. HISTORY—

1. The Nature and Scope of History.
2. The aims of Teaching History :
   (1) Knowledge and search for truth.
   (2) Understanding the present in the light of the past.
   (3) Development of civic and national consciousness.
   (4) Development of international understanding and sympathy.
   (5) Development of critical and ethical judgment.
3. Methods of Teaching History. Their comparative values and their suitability to different grades of school :
   (1) The Chronological Method.
   (2) The Retrospective Method.
   (3) The Concentric Method.
   (4) The Biographical Method.
   (5) The Source Method.
4. Teaching Appliances and their use.

D. GEOGRAPHY—

1. The Nature and Scope of Geography.
2. The aims of Teaching Geography :
   (1) Knowledge of Man's physical and social environment. Regional Geography.
   (2) Application of scientific knowledge to the explanation and understanding of natural phenomena. Rational Geography.
   (3) Cultivation of geographical imagination and reasoning.
3. Methods of Teaching Geography and their suitability to different grades of schools :
   (1) The Observational Method.
   (2) The Descriptive Method.
   (3) The Regional Method.
4. Teaching appliances and their use.

E. MATHEMATICS—

1. Aims of Teaching Mathematics :
   (1) Practical; (2) Cultural; (3) Social.
2. Place of Mathematics in Science.
3. The distinctive characteristics of the different branches of Mathematics.
4. Methods of Teaching :
   (1) The Inductive and the Deductive.
   (2) The Analytical.
   (3) The Practical and the graphic.
   (4) The Hevristic.
5. Appropriateness of the different methods in different grades of schools.
6. The Beginnings of Algebra.
7. The place of definitions, axioms, postulates, etc., in the teaching of Geometry.
8. Methods of developing the concepts of Trigonometrical Ratios.

F. SCIENCE—

1. The meaning of Science.
2. Aims of Teaching Science.
   (1) Practical.
   (2) Cultural.
   (3) Social.
3. Unity of Sciences.
4. Methods of Teaching.
   (1) The Inductive and Deductive Methods.
   (2) The Hevristic Method.
   (3) The Demonstration and the Laboratory Methods.
   (4) The Topical Method.
5. Laboratory—its equipment and management.

BOOKS FOR STUDY.

GENERAL—

1. Burton, W.H. : The Nature and Direction of Learning.
2. Reeves, C. E. : Standards for High School Teaching.

ENGLISH (COMPULSORY)—

1. Thompson and Wyatt : The Teaching of English in India.
2. Ballard, P.B. : Teaching of the Mother-tongue.

ENGLISH (OPTIONAL)—

1. Jones, D. : The Pronunciation of English.
2. Hudson, W.H. : Introduction to the Study of English Literature.
3. Palmer, H E. : Principles of Language Teaching.

HISTORY—

1. Johnson, H. : The Teaching of History.
2. Keatinge, M.W. : Studies in the Teaching of History.

GEOGRAPHY—

1. Barnard, H. : Principles and Practice of Geography Teaching.
2. Fairgrieve, J. : Geography in School.

MATHEMATICS—

1. Smith, D.E. . Teaching of Elementary Mathematics.
2. Schultze, A.: The Teaching of Mathematics in Secondary Schools.

SCIENCE—

1. Westaway, F.W.: Science Teaching: What it was; What it is and what it might be.
2. Brown: Teaching of Science.
3. Rennie: Aims and Methods of Nature Study.

BOOKS FOR REFERENCE.

GENERAL—

1. Board of Education: Hand-book of Suggestions for Teachers.
2. Adams, J.: The New Teaching.
3. Welton, J.; Principles and Methods of Teaching.

ENGLISH (COMPULSORY)—

1. Ballard, P.B.: Thought and Language.
2. Ryburn, W.M; Suggestions for the Teaching of English in India.

ENGLISH (OPTIONAL)—

1. Bradley: The Making of English.
2. Saintsbury: A Short History of English Literature.

HISTORY—

2. Rushbrook Williams: Handling of Historical Material.
2. Happold, F.C.: The Approach to History.

GEOGRAPHY—

1. Dudley Stamp: How to Teach Geography in the Schools of India.
2. Macnee, E. A.: Suggestions for the Teaching of Geography.

MATHEMATICS—

1. Nunn, T.P.: the Teaching of Algebra.
2. Potter: the Teaching of Arithmetic.
3. Lanslaw: Teaching Mathematics.
4. Godfrey and Siddons: The Teaching of Elementary Mathematics.

SCIENCE—

1. Preston, C.E.: The High School Science Teacher and his work.
2. Cawthorne, H.H.: Science in Education.
3. Smith and Hall: Teaching of Physics and Chemistry.
4. Von Wyss: The Teachin of Nature Study.

IV. Comparative Study of Educational Systems.

1. INTRODUCTORY—

The aims of a national system of education. The remarkable growth of national systems in the 19th century. Brief survey of Pre-British Education in India—Maktabs, Patasalas, Mutts and Madrasahs. History of British Education in India. The problem of a national system of education for India.

2. EDUCATIONAL ADMINISTRATION—

Central and Local Control of Education. Advantages and disadvantages.

England: (1) Central Control: The Board of Education. Its organisation and function. The Inspectorate.

(2) Local Control: The Borough and County Councils. Education Committee—their powers and responsibilities. Relation of central and local authorities.

United States of America: The Federal Agencies for Education. Decentralisation. Recent tendencies towards centralisation within each State. Local bodies in each State.

Germany: The Federal Education Committee. Centralisation within the Constituent States of the Republic. The Minister of Education. Local Bodies.

Japan: Centralised control under the Minister of Education. The Bureau and the Inspectorate.

India: (1) Central Control: Centralisation of control within each Province. The Minister of Education. The Director of Public Instruction. The Inspectorate.

(2) Local Control: District Boards and Municipalities—their powers and responsibilities.

3. EDUCATIONAL ORGANISATION—

Diversity of practices in England. England more a political than a social democracy. Democratic system of education in the United States of America. The Common Education School. Democratic tendencies in post-war German Education. The Grund Scheme. Successful adaptation of western educational ideals and methods in Japan. Tendencies in India.

General organisation of the School Systems in England, U.S.A., Germany, Japan and India.

4. ELEMENTARY EDUCATION—

Aim, Organisation, Curriculum, staff, methods and tendencies of elementary education in England, U.S.A., Germany and Japan.

India: Problem of illiteracy and 'Educational Mortality'. Compulsory Education. Difficulties of enforcement. Present state of legislation and practice in various provinces.

5. POST-ELEMENTARY EDUCATION—

Post-elementary Education different from Secondary Education.
England: The Senior Elementary Schools and the Central Schools.
U.S.A.: The Junior High School.
Germany: The Mittle Schule.
Japan: The Advanced Elementary Schools.
India: The present tendency of all elementary education leading to Secondary Education. Senior Vernaculars and Higher Elementary Schools—Need for greater development.

6. SECONDARY EDUCATION—

England: The Public Schools, Grammar Schools, Council Schools and Private Secondary Schools. Marked features of English Secondary Education.

U.S.A.: The Junior and Senior High Schools. Special features of American Secondary Education.

Germany: The Gymnasium, Real, Gymnasium, Ober-realschule-Aufbauschule and Deutsch Oberschule. Characteristic features of German Secondary Education.

Japan: The Middle and High Schools.

India: Present organisation of Secondary Education. Defects of grant-in-aid system. The problem of medium of instruction. Uniformity of type. Need for diversity of institutions. Introduction of vocational courses.

7. VOCATIONAL EDUCATION—

Germany: Technical Schools of the different grades. Gewerbe Schuleu, Fach Schuleu and Hoch Schuleu. Co-operation between the technical schools and the factories and industries.

England: Junior and Senior Technical Schools. The Polytechnics.

U.S.A.: The Federal Board for Vocational Education. Part-time and full-time vocational schools. Senior High Schools. Technical Colleges.

Japan: Different stages of Vocational Education. Technical Schools of A and B classes. Higher Technical Schools.

India: The literary and non-practical character of Indian education. Hertog Committee recommendations. Need for and problems of Vocational Education.

8. WOMEN'S EDUCATION—

A brief survey of the development of educational facilities for women in England, Germany, U.S.A. and Japan together with the special features of Women's education in those countries.

India: Problems of women's education. Signs of wakening Ideals of Indian womanhood. The problem of co-education. Aim, organisation, curriculum and present tendencies in women's education.

9. TRAINING OF TEACHERS—

England: Importance given to Teacher Training. The Training Colleges and the University Training Departments. Refresher courses.

U.S.A.: The Normal Schools and the Training Colleges of Universities. Summer courses.

Germany: Elaborate and thorough training of teachers. The Hochschulev fur Lehrer bildung.

Japan: The Normal and the Higher Normal Schools for men and women. The Summer and Winter courses.

India: The undergraduate and graduate Training. Nature and period of Training.

10. ADULT EDUCATION—

Aim, contents, methods and organisation of Adult Schools in Denmark, England, U.S.A., Germany and Japan. The problem in India with special reference to methods of rapid literacy and propaganda regarding the value of Education. Social and Liberal nature of adult education.

BOOKS TO BE STUDIED.

1. Kandel, I. L.: Studies in Comparative Education.
2. Zia Uddin Ahmed.: Systems of Education.
3. Masood, R.: Japan and its Educational System.

BOOKS TO BE CONSULTED.

1. Mayhew, A.: The Education of India.
2. Hartog Committee Report.
3. Lajpat Rai: National Education in India.
4. Year Books of the International Institute, Columbia University.
5. Roman, F. W.: New Education in Europe.
6. Hover, F.Pc: The German and English Education (A comparative study)
7. Begtrup, Lund and Manniche: The Folk High Schools of Denmark.
8. Percy (ed.): Yearbooks of Education (London).
9. Anderson: Progress of Education in India 1927-38, Tenth Quinquennial Review.
10. The Quinquennial Reviews of Mysore.
11. The Decennial Survey of Mysore.

V. Class-Room Technique and School Organisation.

A. CLASS-ROOM TECHNIQUE—

1. Process of Teaching: General Principles of teaching and learning. A historical and critical survey. The laws of learning. Teaching units. Types of lessons. The planning of instruction. Lesson plans and notes of lessons.
2. Devices of Teaching: Text books, their uses and abuses. Collateral reading. Questions and answers. Examinations. Illustrations. Note-books.
3. The Teacher: Personality. Qualifications. Professional etiquette. Relation to pupils, colleagues and inspectors.

B. SCHOOL ORGANISATION—

4. Material conditions. School buildings, class-rooms, light, shape and size. Desk and bench. Wall and decorations. Playgrounds.
5. Organisation: The various stages of instruction. The headmaster and his duties. The staff of the school. Parental co-operation. Time-tables, class records. Improvement programmes.
6. Administration and Supervision: The School office. Maintenance of records. Nature and purpose of supervision.

C. SCHOOL HYGIENE—

7. Common ailments: Variety. Detection. Prevention. First aids. Medical Inspection. Preventable and contagious diseases.
8. Health Education: Aids to preserve health. Personal and community hygiene.
9. Physical Education: Games and physical exercises.

D. MORALE—

10. Changing conceptions of discipline. Functions of discipline. Rewards and punishments. Corporate life. Personal and non-personal influences. Extra curricular activities. Pupil self-government. Freedom and discipline.

BOOKS FOR STUDY

1. Strayer, G. D.: A Brief Course in the Teaching Process.
2. Douglass, H. R.: Organisation and Administration of Secondary Schools.

3. Lyster, R.A. . The Hygiene of the School.
4. Harris, P.E. : Changing conceptions of School Discipline.

BOOKS FOR REFERENCE.

1. Stayer, G. D. and Norsworthy, N. : How to Teach.
2. Thomas, F.W. : Principles and Technique of Teaching.
3. Stormzand, M.J. : Progressive Methods of Teaching.
4. Otto, H. J. : Elementary School Organisation and Administration.
5. Sears, J. B : Class-room Organisation and Control.
6. Ryburn, W. M. : Suggestions for the Organisation of Schools in India.
7. Jonson, F. W. : Administration and Supervision of the High School.
8. Marshall, F.J.C. and Rees W. R. : Physical Education in boys' Schools.
9. Board of Education : Handbook of Suggestions for Teachers (Revised Edn.).
10. Dewey, J. : Moral Principles in Education.
11. Ballard, P.B. : The Changing School.
12. Association for Education in Citizenship : Education for Citizenship in Secondary Schools.

APPENDIX G.

Detailed Syllabus in History.

MAJOR SUBJECTS—

PAPERS 1 to 4.

[As in Pages 184 to 186 of Vol. I of the Calendar for 1937-38.]

6. *Economics.*

A clear understanding of economic principles and their application to Indian conditions is required.

Nature and significance of economic science. Economics of wealth and welfare. Development of economic doctrines. Schools of economic thought. Competition and Monopoly.

Production. Consumption. Theory of value. Distribution. State in relation to economic life. Risk and risk-bearing. Capitalism and Socialism. The problem of unemployment.

Principles of money. Monetary standards. Currency and credit. The money market. Banks. Theory of Central Banking. The credit structure of the principal countries. The trade cycle. Stabilization of prices.

International trade. Theory of International values. Gains from foreign trade. National self-sufficiency and State control over external trade. Protection and free-trade. Theory of foreign exchange.

Public Finance. Theoretical Problems connected with Public Revenue. Public Expenditure and Public Debts. Economics of Public Utilities.

BOOKS FOR STUDY.

Marshall : Principles of Economics.
Taussig : Principles of Economics.
Thomas : Economics.
Vera Anstey : Economic Development of India.

BOOKS FOR REFERENCE.

Meade : Economic Analysis of Policy.
Keynes : Scope and Method of Political Economy.
Gray : Development of Economic Doctrine.
Cannan : Review of Economic Theory.
Knight : Risk, Uncertainty and Profit.
Robertson : Money.
The Mcmillan Report
Todd : The Mechanism of Exchange.
Hawtrey : Currency and Credit.
Kisch and Elkin : Central Banks.
Ropke : Cycles and Crises.
Douglas and Director : The problem of unemployment.

Barret Whale: International Trade.
Dalton: Public Finance.
Silverman: Taxation, its incidence and effects.
Jathar and Beri: Indian Economics.

7. Politics.

(A special study of the Indian Constitution will be required).

Nature and scope of Politics.
Fundamental conceptions of politics. State-Nationality. Nation, Sovereignty. Government. Law. Liberty-Equality. Rights. Citizenship.
Origin of the State. Inductive and Speculative Theories. Development of European Polity (in outline). History of Political thought (in outline). Structure of Government, comparatively studied with special reference to England, France, U.S.A. The British Self-governing Dominions and India. Forms of State. Classification of Governments. Legislature. Executive. Judiciary. Theory of the separation of Power. Parties and Party Government. Local Government.
Functions of Government. The province of the State. Individualism. Socialism. Recent Tendencies. Fascism. Communism.
The League of Nations. History. Organization and Achievement.

BOOKS FOR STUDY.

Sidgwick: Development of European Polity.
Garner: Introduction to Political Science.
Strong: Modern Constitutions.
Palande: Introduction to the Indian Constitution.
Deyle: History of Political Thought.

BOOKS FOR REFERENCE.

Laski: Grammar of Politics.
Marriot: Mechanism of Modern State.
Bryce: Modern Democracies.
Finer: Theory and Practice of Modern Governments.
Ogg: European Governments and Politics.
G. D. H. Cole: A guide to Modern Politics.
Buell: New Governments in Europe.
Coker: Recent Political Thought.
Gettel: History of Political Thought.
Harris: Local Government in Many Lands.
Keith: A Constitutional History of India.
Ratnaswamy: The Making of the State.
Mc Iver: The State.
Willoughby: Modern Governments.
Joad: Modern Political Thought.
Eddie and Lawton: Indian Constitution.

MINOR SUBJECTS—

1. Archæology.

[As in pages 186-88 of Vol. I of the Calendar for 1937-38.]

2. History of Civilization.

A general study of world history from pre-historic times to the present day, with special reference to cultural conditions as indicated by the following books.—

BOOKS FOR STUDY.

Thorndike: A Brief History of Civilization.
Hayes: Moon and Weyland: Brief History of the World.
Wells: Outline of History.
De Morgan: Pre-Historic Man.
Breastead: Ancient Times.
T. R. Glover: The Ancient World.
Stobbart: The Glory that was Greece.
Stobbart: The Splendour that was Rome.
Tappan: In Feudal Times.
Ashley: Modern European Civilization.

Marvin: Living Past. (Oxford University Press).
The March of Man.
Amir Ali: History of the Saracens.
Home University Library: China and Japan.
Story of the Nations: China.

BOOK FOR REFERENCE.

Harmsworth: History of the World.

3 and 4.

[As for the B.A. degree examination, pages 153 and 154-55 of Vol. I of the Calendar for 1937-38.]

APPENDIX H.

Amendment to the Laws of the University respecting Post-Secondary Diploma Courses approved by the Academic Council, the University Council and the Senate, at the respective meetings held on the 26th March 1938.

I. STATUTES.

1. That the following additional statute 72-A be approved:—

72-A. "The University may grant the following post-secondary diplomas to persons who have pursued a course of study under conditions prescribed in the Ordinances:"

Diploma in	Medical practice	L.M.P.
Do	Agriculture	L.Ag.
Do	Sericulture	L.S.
Do	Veterinary Science	L.V.Sc.
Do	Engineering (Civil)	L.E. (Civil)
Do	Do (Mechanical)	L.E. (Mech.)
Do	Do (Electrical)	L.E. (Elec.)
Do	Do (Automobile)	L.E. (Auto.)
Do	Teaching	L.Ed.
Do	Commerce	L.Com.
Do	Prints and Engraving	L.P.E.
Do	Printing and Binding	L.P.B.
Do	Pharmacy	L.Ph.
Do	Music	L.Mus.
Do	Home Science	L.H.Sc.
Do	Painting and Drawing	L.P.D.

II. ORDINANCES.

A. Administrative Ordinances.

2. *Ordinance 8.*—That Ordinance 8 as amended in Notification No. 15868, dated the 13th February 1938, be further amended by the addition of the following as the second paragraph:—

"No student shall be admitted to a post-secondary diploma course unless he shall have passed the Mysore Secondary School Leaving Certificate Examination with the corresponding optional subject and obtained the minima as hereinafter prescribed or passed the Matriculation Examination of an Indian University or any other examination recognized by this University as equivalent thereto and satisfies the Council as to his fitness for admission to the course chosen."

3. *Ordinance 9.*—That Ordinance 9 as amended in Notification No. 15868, dated the 10th February 1938, be further amended by the addition of the following as the fourth sub-paragraph:—

"For admission to the diploma courses, the following shall be the scheme of correspondence of optional subjects:—

Agriculture	S.S.L.C., Group C (ii) or Group B.
Sericulture	S.S.L.C., Group C (iii) or Group B.
Veterinary Science.. ..	S.S.L.C., Group B.

Engineering	S.S.L.C., Group C (iv) in corresponding subjects as below.*	
	S.S.L.C., Group B after a year's further course in Industrial Arts.	
Teaching	S.S.L.C., Group A or Group B.	
Commerce	S.S.L.C., Group C (v).	
	S.S.L.C., Group A or Group B.	
Prints and Engraving ...	S.S.L.C., Group C (iv) *h* or Group B or Group D (*b*).	
Printing and Binding ...	S.S.L.C., Group C (iv) *i* or Group B.	
Pharmacy	S.S.L.C., Group B.	
Music	S.S.L.C., Group D (*a*).	
Home Science	S.S.L.C., Group C (i).	
Painting and Drawing ...	S.S.L.C., Group D (*b*).	

4. *Ordinance 17.*—That Ordinance 17 be amended by the addition of the following :—

"Provided that in respect of post-secondary diploma courses the University Council shall have power to recognize instruction in an approved institution as qualifying for admission to the examination."

5. *Ordinance 23.*—That Ordinance 23 be amended by the addition of the following to the list of branches of study enumerated :—

Agriculture, Sericulture and Veterinary Science.
Commerce.
Prints, Engraving, Printing and Binding.
Music.
Home Science.
Painting and Drawing.

6. *Ordinance 30.*—That Ordinance 30 be amended by the addition of the following to the list of groups of subjects enumerated :—

Agriculture, Sericulture and Veterinary Science.
Commerce.
Prints, Engraving, Printing and Binding.
Music.
Home Science.
Painting and Drawing.

7. *Ordinance 34.*—That the scale of fees in Ordinance 34 be amended as under :—

Under A—Professional Courses :—

1. *For* "L.M.P. Diploma, whole course	Rs.	60 per year."
Substitute "Diploma Course	Rs.	60 per year."
2. In the proviso, *for* "L.M.P.	Rs.	120 per year."
Substitute "Diploma Course	Rs.	120 per year."

8. *Ordinance 36.*—That the scale in Ordinance 36 be amended as under :—

For "L.M.P. Diploma course	Rs. 5"
Substitute "Diploma course	Rs. 5"

9. *Ordinance 39.*—That the scale in Ordinance 39 be amended as under :—

	Rs.
For "12 L.M.P. First	15
Do Second	15
Do Third	15
Do Final	20 "
Substitute "12 Post-Secondary Diploma Courses, Preliminary Examination or any intermediary Examination	15
Final Examination	20 "

B. ACADEMIC ORDINANCES.

10. Page 83 of the Calendar for 1937-38, Vol. I.
For the heading "Diploma of L.M.P."
Substitute "Diploma Courses.
Diploma in Medical Practice (Licensed Madical Practitioner)."

*C (iv) a—Electrical Engineering.
C (iv) b—Civil Engineering.
C (iv) c—Mechanical, Electrical or Automobile Engineering (when courses or suitably revised).
C (iv) d, e and f—Mechanical, Electrical or Automobile Engineering.

11. After *Ordinance 126.*—That the following *be added* as Ordinances 127-216 and that Ordinances 127 and 128 be numbered in consequence as 217 and 218 respectively.

2. *Agriculture.*

127. *Duration.*—The course of study for the Diploma Course in Agriculture shall extend over three years.

128. *Admission.*—Candidates for admission shall have passed the S.S.L.C. Examination of Mysore or an equivalent examination with Agriculture or Mathematics and Science as an optional subject and been declared eligible for admission to University courses of studies.

129. *Course.*—The course of study shall comprise the following :—

FIRST YEAR.

Agricultural Geology	Elementary Botany
Climatology	Zoology
Physics	Engineering
Inorganic Chemistry	Drawing
Organic Chemistry	Veterinary Science

SECOND YEAR.

Irrigation and Drainage	Economic Zoology
Farm Crops	Engineering
Live-stock and Dairying	Veterinary Science
Botany	Agricultural Chemistry
Mycology	

THIRD YEAR.

Farm Crops	Agricultural Botany
Farm Economics	Agricultural Engineering
Live-stock	Veterinary Science

130. *Attendance.*—Each year shall be taken as the unit for purposes of calculating attendance and shall consist of two terms as in Ordinance 48. A candidate shall be considered to have completed the course of studies for any examination if he has attended not less than 80 per cent of the number of working periods in each of the subjects of the course during the year and his progress and conduct have been satisfactory.

131. *Examination.*—There shall be an examination at the end of each year in the following subjects :—

FIRST EXAMINATION.

Physics	Agriculture—Theory
Chemistry	Practical
Elementary Botany—Theory	Veterinary—Theory
Practical	Practical
Zoology—Theory	Engineering
Practical	Workshop—Practical
Drawing	

SECOND EXAMINATION.

Entomology—Theory	Mycology—Theory
Practical	Practical
Botany—Theory	Agriculture—Part I
Practical	Part II
Veterinary—Theory	Practical
Practical	Engineering—Theory
Live-stock—Practical	Practical
	Agricultural Chemistry

FINAL EXAMINATION.

Agricultural Crops	Engineering—Theory
„ Economics	Practical
Live-stock—Theory	Agricultural Botany—Theory
Practical	Practical
Agriculture—Practical	Veterinary Science—Theory
	Practical

Only those who pass in the First and the Second Examination shall be permitted to proceed to the Second and the Third Year's course, respectively.

132. *Minima.*—The minima for a pass shall be 40 per cent of the marks in each subject other than Agriculture comprising both the written paper and the practical and *viva voce* examination, 50 per cent in Agriculture and 50 per cent in the aggregate. Successful candidates in the Final Examination obtaining not less than 60 per cent of the aggregate marks in the examination shall be placed in the first class in order of merit; the other successful candidates shall be placed in the second class in alphabetical order.

3. *Sericulture.*

133. *Duration.*—The course of study for the Diploma in Sericulture shall extend over three years.

134. *Admission.*—Candidates for admission shall have passed the S. S. L. C. Examination of Mysore or an equivalent examination with Sericulture or Mathematics and Science as an optional subject and been declared eligible for admission to University courses of studies.

135. *Course.*—The course of study shall be theoretical and practical and shall comprise the following:—

Mulberry cultivation
Rearing of silkworms
Seed supply
Manufacture of Raw Silk
General Outline and Economic of Silk Industry.

Tours to important sericulture centres and farms and grainage shall form an integral part of the course.

136. *Attendance.*—Each year shall be taken as the unit for purposes of calculating attendance and shall consist of two terms as in Ordinance 48. A candidate shall be considered to have completed the course of studies for any examination if he has attended not less than 80 per cent of the number of working periods in each of the subjects of the course during the year and his progress and conduct have been satisfactory.

137. *Examinations.*—There shall be two examinations—the Preliminary Examination at the end of the first year and the Final Examination at the end of the third year. Only those who pass in the Preliminary Examination shall be permitted to proceed to the second year's course.

The Preliminary Examination shall comprise four papers in theory only, namely:—

(1) Mulberry Cultivation.
(2) Rearing.
(3) Seed Supply.
(4) General.

The Final Examination shall comprise four papers in theory, two papers in practice and a *viva voce* examination.

Theory I—Rearing.
II—Seed Production.
III—Reeling.
IV—General.
Practical I—Grainage work.
II—Reeling work.

138. *Minima.*—The minima for a pass shall be 40 per cent of the marks in each paper (theory or practical), 40 per cent in the *viva voce* examination and 50 per cent in the aggregate of each examination. Successful candidates in the examination obtaining not less than 60 per cent of the marks in the Final Examination shall be placed in the first class in order of merit, and the other successful candidates in the second class in alphabetical order.

5. *Veterinary Science.*

139. *Duration.*—The course of study for the Diploma in Veterinary Science shall extend over three years.

140. *Admission.*—Candidates for admission shall have passed the S. S. L. C. Examination of Mysore or an equivalent examination with Physics, Chemistry and Biology in the optional group and been declared eligible for admission to University courses of studies.

141. *Course.*—The course of study shall comprise the following:—

FIRST YEAR.

1. Elements of Chemistry.
2. Do Physics.

3. Elements of Botany with special reference to poisonous and medicinal plants.
4. Do Zoology.
5. Animal Husbandry, Part I:—
   Handling of animals.
   Principles of shoeing normal feet
   Recognition of breeds.
   Confirmation, etc.

SECOND YEAR.

1. Anatomy of domestic animals and poultry.
2. Elementary physiology of domestic animals and poultry.
3. Pharmacology and Materia Medica.
4. Animal Husbandry, Part II:—
   General Hygiene.
   Dietetics.
   Dairy and Milk Hygiene.

THIRD YEAR.

1. Minor surgery of domestic animals and birds.
2. Medicine, including contagious, communicable deficiency and parasitic diseases—special therapeutics.
3. Milk and meat inspection.
4. Animal Husbandry, Part III:—
   Genetics.

N. B.—Practical courses will be arranged in the Veterinary Hospital, the Serum Institute and Government Farms.

142. *Attendance.*—Each year shall be taken as the unit for purposes of calculating attendance and shall consist of two terms as in Ordinance 48. A candidate shall be considered to have completed the course of studies for any examination if he has attended not less than 80 per cent of the number of working periods in each of the subjects of the course during the year and his progress and conduct have been satisfactory.

143. *Examination.*—There shall be an examination at the end of each year of the course.

FIRST EXAMINATION.

I. Chemistry	IV. Zoology
II. Physics	V. Animal Husbandry I
III. Botany	

SECOND EXAMINATION.

I. Anatomy	III. Pharmacology and Materia Medica
II. Physiology	IV. Animal Husbandry II.

FINAL EXAMINATION.

I. Surgery	III. Milk and Meat
II. Medicine	IV. Animal Husbandry III

Besides the written papers, there shall be a practical and oral examination in each subject. Only those who pass in the first and the second examination shall be permitted to proceed to the second and the third year's course respectively.

144. *Minima.*—The minima for a pass shall be 40 per cent in each subject (including both the written and the practical and oral examinations) and 50 per cent in the aggregate of each examination. Successful candidates in the Final Examination obtaining not less than 60 per cent of the aggregate marks in the examination shall be placed in the first clsss in order of merit, and the other successful candidates in the second class in alphabetical order.

5. Civil Engineering.

145. *Duration.*—The course of study for the Diploma course in Civil Engineering shall extend over three years followed by a year's practical training in a recognised work.

146. *Admission.*—Candidates for admission shall have passed the S. S. L. C. Examination of Mysore or an equivalent examination with Mensuration, Surveying and Draughtsmanship as an optional subject and been declared eligible for admission to University courses of studies, provided that those who have passed the S. S. L C. Examination with

the Mathematics and Science group shall be eligible for admission after a year's further course in the allied subject.

147. *Course.*—The course of study shall comprise the following :—

FIRST YEAR.

1. Mathematics
2. Physics
3. Chemistry
4. Materials of Construction
5. Freehand and Geometrical Drawing
6. Workshop Practice
7. Surveying

SECOND YEAR.

1. Applied Mechanics
2. Graphic Statics
3. Building Construction
4. Geology
5. Surveying
6. Building Drawing
7. Hydraulics
8. Estimating and Specification

THIRD YEAR.

1. Railways
2. Irrigation
3. Earthwork, Roads and Bridges
4. Water-supply and Sanitary Engineering.
5. Reinforced Cement Concrete
6. Surveying
7. C. E. Drawing (Bridges and Irrigation)
8. Estimating and Specifications
9. Civil Engineering Laboratory

148. *Attendance.*—Each year shall be taken as the unit for purposes of calculating attendance and consist of two terms as in Ordinance 48. A candidate shall be considered to have completed the course of studies for any examination if he has attended not less than 80 per cent of the number of working periods in each of the subjects of the course during the year and his progress and conduct have been satisfactory.

149. *Examination.*—There shall be an examination at the end of each year in the following subjects :—

FIRST EXAMINATION.

1. Mathematics *
2. Physics *
3. Chemistry *
4. Materials of Construction
5. Freehand and Geometrical Drawing *
6. Surveying

SECOND EXAMINATION.

1. Applied Mechanics
2. Graphic Statics
3. Building Construction
4. Geology
5. Surveying
6. Building Drawing
7. Hydraulics

THIRD EXAMINATION.

1. Railways
2. Irrigation
3. Earthwork, Roads and Bridges
4. Water-supply and Sanitary Engineering.
5. Reinforced Cement Concrete
6. E. C. Drawing (Bridges and Irrigation)
7. Estimating and Specifications
8. Surveying
9. Civil Engineering Laboratory

Only those successful in the first and the second examination shall be permitted to proceed to the second and third year's course respectively.

150. *Minima.*—The minima for a pass in each examination shall be 30 per cent of the marks in each paper of the written examination, 30 per cent of the aggregate marks in the oral and practical examination and 50 per cent of the total including the marks for class examination and class records. Successful candidates in the Final Examination obtaining not less than 70 per cent of the aggregate marks in the examination shall be placed in the first class in order of merit and the other successful candidates in the second class in alphabetical order.

The diploma shall be awarded after a year's approved practical training in an approved work comprising 280 full working days after passing the Final Examination.

6. *Mechanical Engineering.*

151. *Duration.*—The course of study for the Diploma in Mechanical Engineering shall extend over three years followed by a year's practical training in a recognized firm or workshop.

* Common to all Sections.

152. *Admission.*—Candidates for admission shall have passed the S.S.L.C. Examination of Mysore or an equivalent examination with one of the following optional subjects and shall have been declared eligible for admission to University courses of studies:—

Pattern Making and Foundry Work	Blacksmithy.
Woodwork.	Mechanical Shop and Fitters Work.

Those who have passed the S. S. L. C. Examination with the Mathematics and Science group shall be eligible for admission after a year's further course in the allied subject.

153. *Course*—The course of study shall comprise the following:—

FIRST YEAR.

1. Mathematics	5. Freehand and Geometrical Drawing
2. Physics	6. Workshop Practice
3. Chemistry	7. Survey Practice
4. Materials of Construction	

SECOND YEAR.

1. Applied Mechanics	5. Machine Construction
2. Electrical Engineering.	6. Machine Drawing
3. Internal Combustion Engines and Compressed Air Practice.	7. Workshop Practice
4. Workshop Theory	8. Laboratory

THIRD YEAR.

1. Steam Engines and Refrigeration.	4. Machine Construction
2. Hydraulics and Hydraulic Machinery.	5. Machine Drawing
3. Estimating, Specifications, etc.	6. Workshop Practice
	7. Laboratory.

154. *Attendance.*—Each year shall be taken as the unit for purposes of calculating attendance and shall consist of two terms as in Ordinance 48. A candidate shall be considered to have completed the course of studies for any examination if he has attended not less than 80 per cent of the number of working periods in each of the subjects of the course during the year, and his progress and conduct have been satisfactory.

There shall be an examination at the end of each year in the following subjects:—

FIRST EXAMINATION.

1. Mathematics *	4. Materials of Construction †
2. Physics *	5. Freehand and Geometrical Drawing *
3. Chemistry *	6. Workshop Practice

SECOND EXAMINATION.

1. Applied Machanics †	5. Machine Construction ‡
2. Electrical Engineering	6. Machine Drawing †
3. Internal Combustion Engines ‡	7. Workshop Practice
4. Workshop Theory ‡	8. Laboratory.

FINAL EXAMINATION.

1. Steam Engine	4. Machine Construction
2. Hydraulics and Hydraulic Engineering.	5. Machine Drawing
3. Estimating ‡	6. Workshop Practice
	7. Laboratory

Only those successful in the first and the second examination shall be permitted to proceed to the second and third year's course respectively.

156. The minima for a pass in each examination shall be 30 per cent of the marks in each paper of the written examination, 30 per cent of the aggregate marks of the oral and practical examination and 50 per cent of the total including the marks for the class examination, and class records. Successful candidates in the Final Examination obtaining not less than 70 per cent of the aggregate marks shall be placed in the first class in order of merit and the other successful candidates in the second class in alphabetical order.

The diploma shall be awarded after a year's practical training in an approved firm or workshop comprising 280 full working days after passing the final examination.

* Common to C.M.E. and Automobile branches.
‡ Common to M.E. and Automobile branches.
† Common to M. and Automobile branches.

7. Electrical Engineering.

157. *Duration.*—The course of study for the Diploma in Electrical Engineering shall extend over three years followed by a year's practical training in a recognized firm or workshop.

158. *Admission.*—Candidates for admission shall have passed the S.S.L.C. Examination of Mysore or an equivalent examination with one of the following subjects and shall have been declared eligible for admission to University courses of studies :—

Pattern Making and Fundary Works	Blacksmithy
Woodwork	Electrical Wiring and Fitting

Those who have passed the S.S.L.C. Examination with the Mathematics and Science group shall be eligible for admission after a year's further course in the allied subject.

159. *Course.*—The course of study shall comprise the following :—

FIRST YEAR.

1. Mathematics
2. Physics
3. Chemistry
4. Materials of Construction
5. Freehand and Geometrical Drawing
6. Workshop Practice
7. Surveying Practice

SECOND YEAR.

1. Applied Mechanics
2. Electrical Engineering Materials
3. Dynamo Electric Machinery
4. Mechanical Engineering
5. Hydraulics and Hydraulic Machinery.
6. Mechanical and Electrical Drawing and Sketching.
7. Workshop Appliances and Workshop Practice and Mechanical Laboratory.
8. Electrical Laboratory

THIRD YEAR.

1. Electrical Engineering—A. C. Machines.
2. Electrical Technology
3. Estimating
4. Heat Engines
5. Electrical Drawing and Sketching
6. Workshop Practice and Mechanical Laboratory.
7. Electrical Laboratory

160. *Attendance.*—Each year shall be taken as the unit for purposes of calculating attendance and shall consist of two terms as in Ordinance 43. A candidate shall be considered to have completed the course of studies for any examination if he has attended not less than 80 per cent of the number of working periods in each of the subjects of the course during the year, and his progress and conduct have been satisfactory.

161. *Examination.*—There shall be an examination at the end of each year in the following subjects :—

FIRST EXAMINATION.

1. Mathematics*
2. Physics*
3. Chemistry*
4. Materials of Construction†
5. Freehand and Geometrical Drawing*
6. Workshop Practice

SECOND EXAMINATION.

1. Applied Mechanics†
2. Electrical Engineering Materials
3. Dynamo Electric Machines
4. Mechanical Engineering
5. Hydraulics and Hydraulic Machinery.
6. Machine Drawing
7. Workshop Appliance and Workshop Practice and Mechanical Laboratory.
8. Electrical Laboratory

FINAL EXAMINATION.

1. Electrical Engineering—A. C. Machines.
2. Electrical Technology
3. Estimating
4. Heat Engines
5. Electrical Drawing
6. Workshop Practice and Mechanical Laboratory.
7. Electrical Laboratory

Only those successful in the first and the second examination shall be permitted to proceed to the second and third year's course respectively.

162. *Minima.*—The minima for a pass in each examination shall be 30 per cent of the aggregate marks in each paper of the written examination, 30 per cent of the aggregate marks in the oral and practical examination and 50 per cent of the total including the

* Common to Civil, Mechanical, Electrical and Automobile Engineering.
† Common to Mechanical, Electrical and Automobile Engineering.

marks for class examination and class records. Successful candidates in the Final Examination obtaining not less than 70 per cent of the aggregate marks shall be placed in the first class in order of merit and the other successful candidates in second class in alphabetical order.

The diploma shall be awarded after a year's approved practical training in a recognised firm or workshop, comprising 280 full working days, after passing the final examination.

8. *Automobile Engineering.*

163. *Duration.*—The course of study for the Diploma in Automobile Engineering shall extend over three years followed by a year's practical training in a recognized firm or workshop.

164. *Admission.*—Candidates for admission shall have passed the S.S.L.C. Examination of Mysore or an equivalent examination with one of the following optional subjects and shall have been declared eligible for admission to University courses of studies:—

Pattern Making and Foundry Work
Woodwork
Blacksmithy
Mechnical Shop and Fitters Work

Those who have passed the S.S.L.C. Examination with the Mathematics and Science group shall be eligible for admission after a year's further course in the allied subject.

165. *Course.*—The course of study shall comprise the following:—

FIRST YEAR.

1. Mathematics
2. Physics
3. Chemistry
4. Materials of Construction
5. Freehand and Geometrical Drawing
6. Workshop Practice
7. Survey Practice

SECOND YEAR.

1. Applied Machanics
2. Electrical Engineering
3. Internal Combustion Engines and Compressed Air Practice.
4. Workshop Theory
5. Machine Construction
6. Machine Drawing
7. Workshop Practice
8. Laboratory

THIRD YEAR.

1. Fuel and Carburation
2. Machine Construction
3. Body Construction, Painting and Varnishing.
4. Estimating
5. Drawing
6. Workshop Practice
7. Laboratory

166. *Attendance.*—Each year shall be taken as the unit for purposes of calculating attendance and shall consist of two terms as in Ordinance 48. A candidate shall be considered to have completed the course of studies for any examination if he has attended not less than 80 per cent of the number of working periods in each of the subjects of the course during the year and his progress and conduct have been satisfactory.

167.—*Examination.*—There shall be an examination at the end of each year in the following subjects:—

FIRST EXAMINATION.

1. Mathematics*
2. Physics*
3. Chemistry*
4. Materials of Construction†
5. Freehand and Geometrical Drawing*
6. Workshop Practice

SECOND EXAMINATION.

1. Applied Mechanics†
2. Electrical Engineering
3. Internal Combustion Engines‡
4. Workshop Theory‡
5. Machine Construction‡
6. Machine Drawing†
7. Workshop Practice
8. Laboratory

FINAL EXAMINATION.

1. Fuel and Carburation
2. Machine Construction
3. Body Construction, Painting and Varnishing.
4. Estimating‡
5. Drawing
6. Workshop Practice
7. Laboratory

Only those successful in the first and the second examination shall be permitted to proceed to the second and third year's course respectively.

*Common to all branches.
†Common to Mechanical, Electrical and Automobile branches.
‡Common to Mechanical and Automobile branches.

168. *Minima.*—The minima for a pass in each examination shall be 30 per cent of the marks in each paper for the written examination, 30 per cent of the aggregate marks in the oral and practical examination and 50 per cent of the total including the marks for class examination and class records. Successful candidates in the Final Examination obtaining not less than 70 per cent of the eggregate marks shall be placed in the first class in order of merit and the other successful candidates in the second class in alphabetial order.

The diploma shall be awarded after a year's approved practical training in an approved firm or workshop, comprising 280 full working days after passing the final examination.

9. *Teaching.*

169. *Duration.*—The course of study for the Diploma in Teaching shall extend over two years.

170. *Admission.*—Candidates for admission shall have passed the S.S.L.C. Examination of Mysore or an equivalent examination with the Humanistic or the Mathematics and Science group and been declared eligible for admission to University courses of studies.

171. *Course.*—The course of study shall comprise the following :—

GENERAL—

(*a*) English, History, Geography, Civics and Rural Science or Domestic Science.

Or

(*b*) English, Elementary Mathematics, Elementary Science, Hygiene and Rural Science or Domestic Science.

PROFESSIONAL, consisting of—

(*a*) Theory and (*b*) Practice in Teaching.

The theoretical course shall comprise :—

(i) Principles of Education.
(ii) School Organisation, Management and Hygiene.
(iii) Methods.—

(*a*) General Principles of Method.
(*b*) Special Methods of Teaching—
English, History, Geography and Civics.

Or

English, Elementary Mathematics, Elementary Science and Hygiene.

172. *Attendance.*—Each year shall be taken as the unit for purposes of calculating attendance and shall consist of two terms as in Ordinance 48. A candidate shall be considered to have completed the course of studies for any examination if he has attended not less than 80 per cent of the number of working periods in each of the subjects of the course during the year and his progress and conduct have been satisfactory.

173. *Examination.*—There shall be two examinations—the Preliminary Examination at the end of the first year and the Final Examination at the end of the second year. Only those who pass in the Preliminary Examination shall be permitted to proceed to the second year's course.

The Preliminary Examination shall comprise two papers in the General subjects and the Final Examination shall comprise four papers in the Professional subjects and an examination in Practice in Teaching as under :—

PRELIMINARY EXAMINATION.

Two papers in each group, *viz.*,
(i) English and Rural Science or Domestic Science.
(ii) History, Geography and Civics.

Or

Elementary Mathematics, Elementary Science and Hygiene.

FINAL EXAMINATION.

(a) Theory.

Four papers, *viz.*,
(i) Principles.
(ii) School Organisation, etc.
(iii) General Principles of Method and Methods of Teaching English.
(iv) Methods of Teaching History, Geography and Civics.

Or

Elementary Mathematics, Elementary Science and Hygiene.

(b) Practical.

Three lesson-tests, one in English and two in any two of the other subjects in either of the two groups, *i.e.*, History, Geography and Civics *or* Elementary Mathematics, Elementary Science and Hygiene.

174. *Minima.*—The minima for a pass in the Preliminary Examination shall be 35 per cent of the marks in each paper and 50 per cent of the aggregate marks for the examination.

The minima for a pass in the Final Examination shall be 35 per cent of the marks in each paper, 40 per cent of the marks in theory, 40 per cent of the marks for practical and 50 per cent of the aggregate marks. Successful candidates obtaining not less than 60 per cent of the aggregate marks shall be placed in the first class in order of merit and the other successful candidates in the second class in alphabetical order.

Candidates failing in the Final Examination who shall have passed in theory obtaining not less than 50 per cent of the marks in the aggregate shall be permitted to appear again for the practical examination only.

10. *Commerce.*

175. *Duration.*—The course of study for the Diploma in Commerce shall extend over three years followed by six months' practical training.

176. *Admission.*—Candidates for admission shall have passed the S.S.L.C. Examination of Mysore or an equivalent examination with commercial arts C (v), as the optional group, and been declared eligible for admission to University courses. Candidates who shall have passed the S.S.L.C. Examination with group A or B will also be eligible.

177. *Course.*—The course of study shall comprise the following :—

PART I : Compulsory.

1. English.
2. Economics and Statistics.
3. Commercial Geography.
4. Book-keeping and Commercial Arithmetic.
5. Secretarial Practice and Procedure.
6. Stenography.

PART II : Optional.

Any *one* of the following :—

1. Accountancy—
   - (*a*) Advanced Accounts, I.
   - (*b*) Advanced Accounts, II.
   - (*c*) Auditing.
2. Banking—
   - (*a*) Money.
   - (*b*) Banking.
   - (*c*) Commercial Law.
3. Insurance—
   - (*a*) Principles of Insurance.
   - (*b*) Insurance Organization and Management.
   - (*c*) Insurance Law and Assessment.
4. Office Management (Business Offices)—
   - (*a*) Methods and Machinery of Business.
   - (*b*) Accountancy.
   - (*c*) Commercial Law.
5. Office Management (Government Offices)—
   - (*a*) Advanced English.
   - (*b*) Civil Accounts.
   - (*c*) Office Routine.

178. *Attendance.*—Each year shall be taken as the unit for purposes of calculating attendance and shall consist of two terms as in Ordinance 48. A candidate shall be considered to have completed the course of studies for any examination if he has attended not less than 80 per cent of the number of working periods in each of the subjects of the course during the year and his progress and conduct have been satisfactory.

179. *Examination.*—There shall be two examinations,—the Peliminary Examination in Part I (compulsory subjects) at the end of the second year comprising six papers, one in each subject, and the Final Examination in Part II (optional subject at the end of the third year comprising three papers in each optional group. Only those passing in the Preliminary Examination shall be permitted to proceed to the third year's course.

180. *Minima.*—The minima for a pass in each examination shall be 35 per cent of the marks in each paper and 50 per cent of the aggregate marks for the examination. Successful candidates in the Final Examination obtaining not less than 60 per cent of the aggregate marks in the Final Examination shall be placed in the first class in order of merit and the other successful candidates in the second class in alphabetical order.

A candidate qualified for the diploma in any one subject of Part II may proceed to take the diploma in another subject after a further year's study under instruction in the latter subject.

The diploma shall be awarded after six months' approved practical training in a recognized office after passing the Final Examination.

11. *Prints and Engraving.*

181. *Duration.*—The course of studies for the Diploma in Prints and Engraving shall extend over three years.

182. *Admission.*—Candidates for admission shall have passed the S.S.L.C Examination of Mysore or an equivalent examination with Prints and Engraving or Drawing and Painting or Mathematics and Science as the optional subject and been declared eligible for admission to University courses.

183. *Course.*—The course of study shall comprise the following :—

FIRST YAER.

Drawing, Materials, Engraving on Copper Plates, Engraving on Lines.

SECOND YEAR.

Drawing, Engraving on Copper, Etching Tools, Various methods of placing the design on the prepared ground, Etching the copper plate and Printing.

THIRD YEAR.

Drawing, Engraving and Etching on Copper Plates, Die-stamping, Die-sinking and Relief Printing.

184. *Attendance.*—Each year shall be taken as the unit for purposes of calculating attendance and shall consist of two terms as in Ordinance 48 A candidate shall be considered to have completed the course of studies for any examination if he has attended not less than 80 per cent of the number of working periods in each of the subjects of the course during the year, and his progress and conduct have been satisfactory.

185. *Examination.*—There shall be an examination at the end of the third year comprising seven papers as under :—

Engraving on copper plates—
I Theory.
II Practical.

Etching—
I Theory.
II Practical.

Die-sinking and Die-stamping.
Relief Printing (preparation of dyes as well as printing).
Drawing.

186. *Minima.*—The minima for a pass shall be 35 per cent of the marks in each theory paper, 35 per cent of the marks in each practical paper and 50 per cent of the aggregate marks for the examination. Successful candidates obtaining not less than 60 per cent of the aggregate marks shall be placed in the first class in order of merit and the other successful candidates in the second class in the alphabetical order.

12. *Printing and Binding.*

187. *Duration.*—The course of study for the Diploma in Printing and Binding shall extend over three years.

188. *Admission.*—Candidates for admission shall have passed the S.S.L.C. Examination of Mysore or an equivalent examination with the Mathematics and Science Group (Group B) or with Composing, Printing and Binding [Group C (iv) (*i*)] for the optional subject, and been declared eligible for admission to University courses.

189. *Course.*—The course of study shall comprise the following :—

I. Compositor's Work.
II. Press and Machine Work (including departmental management).
III. Binding, comprising Letterpress Forwarding, Vellum or Stationery Binding, Finishing and Design.

190. *Attendance.*—Each year shall be taken as the unit for purposes of calculating attendance and shall consist of two terms as in Ordinance 48. A candidate shall be considered to have completed the course of studies for any examination if he has attended not less than 80 per cent of the number of working periods in each of the subjects of the course during the year, and his progress and conduct have been satisfactory.

191. *Examination.*—There shall be an examination at the end of the course consisting of six papers as under :—

Composing	Theory	1
	Practical	1
Machine	Theory	1
	Practical	1
Binding	Theory	1
	Practical	1

192.—*Minima*—The minima for a pass shall be 35 per cent of the marks in theory, and 35 per cent of the marks in the practical in each subject and 50 per cent of the aggregate marks for the examination. Successful candidates obtaining not less than 60 per cent of the aggregate marks shall be placed in the first class in order of merit and the other successful candidates in the second class in alphabetical order.

13. *Pharmacy.*

193. *Duration.*—The course of study for the Diploma in Pharmacy shall extend over three years, of which six months shall be spent in intensive practical training in a recognized pharmaceutical laboratory.

194. *Admission.*—Candidates for admission shall have passed the S.S.L.C. Examination of Mysore or an equivalent examination with the Mathematics and Science Group (Group B) as the optional subject and been declared eligible for admission to University courses.

195. *Course.*—The course of study shall comprise the following :—

FIRST YEAR.

Elements of Physics, Chemistry, Botany and Zoology—Lectures with practical work.

SECOND YEAR.

Pharmaceutical Chemistry, Pharmacognosy, Pharmaceutics—Lectures with practical work.
Elements of Physiology with important demonstrations.

THIRD YEAR.

Pharmaceutical Chemistry, Pharmaceutics—Lectures with practical work.
Demonstrations in Experimental Physiology and Pharmacology.
Intensive practical training including training in a pharmaceutical laboratory.

196. *Attendance.*—Each year shall be taken as the unit for purposes of calculating attendance and shall consist of two terms as in Ordinance 48. A candidate shall be considered to have completed the course of studies for any examination if he has attended not less than 80 per cent of the number of working periods in each of the subjects of the course during the year and his progress and conduct have been satisfactory.

197. *Examination.*—There shall be two examinations, the Preliminary Examination at the end of the first year and the final Examination at the end of the third year according to the following scheme :—

PRELIMINARY EXAMINATION.

Physics	Theory	
	Practical	
	Viva Voce	
Chemistry	Theory	
	Practical	
	Viva Voce	

Botany	...	Theory
		Practical
		Viva Voce
Zoology	...	Theory
		Practical
		Viva Voce

FINAL EXAMINATION.

Pharmaceutical Chemistry	...	Theory
		Practical
		Viva Voce
Pharmaceutics	...	Theory
		Practical
		Viva Voce

Only those who pass in the preliminary examination shall be permitted to proceed to the second year's course. A candidate for the Final Examination shall produce a certificate of having obtained in the class examination at the end of the second year, not less than 35 per cent of the marks each in Elements of Physiology and in Pharmacognosy.

198. *Minima.*—The minima for a pass in each examination shall be 35 per cent of the marks in each subject (including Theory, Practical and *Viva Voce*) and 50 per cent of the aggregate marks for the examination. Successful candidates in the Final Examination obtaining not less than 60 per cent of the aggregate marks in the examination shall be placed in the first class in order of merit and the other successful candidates in the second class in alphabetical order.

14. *Music.*

199. *Duration.*—The course of study for the Diploma in Music shall extend over three years.

200. *Admission.*—Candidates for admission shall have passed the S.S.L.C. Examination of Mysore or an equivalent examination with Music as the optional subject and been declared eligible for admission to University courses.

201. *Course.*—The course of study shall comprise the following:—

1. A selected language.
2. The Practice of Music.
3. The Theory of Music.

The selected language shall be one of the following, provided that it shall not be the same as the language offered by the candidate for the S.S.L.C. Examination:—

Sanskrit, Kannada, Telugu, Tamil, Urdu.

202. *Attendance.*—Each year shall be taken as the unit for purposes of calculating attendance and shall consist of two terms as in Ordinance 48. A candidate shall be considered to have completed the course of studies for any examination if he has attended not less than 80 per cent of the number of working periods in each of the subjects of the course during the year, and his progress and conduct have been satisfactory.

203. *Examination.*—There shall be an examination at the end of the third year comprising a paper each on the selected language and the theory of music and two practical tests.

204. *Minima.*—The minima for a pass shall be 35 per cent of the marks in each paper, 50 per cent of the marks in each practical test and 50 per cent of the marks in the aggregate. Successful candidates obtaining not less than 60 per cent of the aggregate marks shall be placed in the first class in order of merit and the other successful candidates in the second class in alphabetical order.

15. *Home Science.*

205. *Duration.*—The course of study for the Diploma in Home Science shall extend over three years for the Teachers' Diploma in Home Science and over two years for others (Homemakers' Diploma).

206. *Admission.*—Candidates for admission shall have passed the S.S.L.C. Examination of Mysore or an equivalent examination with Domestic Arts (C i) as the optional subject and been declared eligible for admission to University courses of studies.

207. *Course.*—The course of study shall comprise the following :—

I. TEACHERS' DIPLOMA.

1. Physics.
2. General Chemistry.
3. Physiology.
4. Bio-Chemistry.
5. Bacteriology.
6. Biology.
7. Hygiene.
8. First Aid and Home-Nursing.
9. Book-keeping—Business Affairs, Institutional Management.
10. Civics.
11. Household subjects—Cookery, Housewifery, Laundry.
12. Gardening.
13. Needlework.
14. Principles of Education, Psychology.

II. HOMEMAKERS' DIPLOMA.

1. Physiology.
2. Bacteriology.
3. Biology.
4. Hygiene.
5. First Aid and Home-Nursing.
6. Book-keeping—Business Affairs.
7. Civics.
8. Household subjects—Cooking, House-keeping, Laundry.
9. Gardening.
10. Needlework.
11. Simple Child Psychology.

208. *Attendance.*—Each year shall be taken as the unit for purposes of calculating attendance, and shall consist of two terms as in Ordinance 48. A candidate shall be considered to have completed the course of studies for any examination if he has attended not less than 80 per cent of the number of working periods in each of the subjects of the course during the year, and his progress and conduct have been satisfactory.

209. *Examination.*—There shall be an examination at the end of the course comprising the following :—

TEACHERS' DIPLOMA.

Physics, General Chemistry and Biology—
Theory—1 paper.
Practical—1 paper.
Hygiene, Bacteriology, Physiology, Bio-Chemistry—1 paper.
Needlework—2 papers.
Household subjects, Cooking and Laundry—
Theory—2 papers.
Practical—2 papers.
Book-keeping—Business Affairs—1 paper.
Principles of Education and Psychology—1 paper.

II. HOMEMAKERS' DIPLOMA.

Hygiene, Bacteriology, Physiology, Biology—1 paper.
Needlework—2 papers.
Household subjects—
Theory—2 papers.
Practical—2 papers.
Book-keeping—Business Affairs, Civics and Child Psychology—1 paper.

First Aid and Home-nursing.—A certificate from the Indian Red Cross Society in First Aid and Home-nursing should be produced in respect of either of the courses.

210. *Minima.*—The minima for a pass shall be 35 per cent of the marks in each paper, 35 per cent of the marks in each practical examination and 50 per cent of the aggregate marks for the examination. Successful candidates obtaining not less than 60 per cent of the aggregate marks shall be placed in the first class in order of merit and the other successful candidates in the second class in alphabetical order.

16. *Painting and Drawing.*

[211–216 to be given later.]

12. *Ordinance* 127 :—

(1) *Substitute* 217 *for* 127

(2) (*b*) *Add* (i) Diploma Courses.

13. *Ordinance* 128 :—

(1) *Substitute* 218 *for* 128.

(2) *Add* the following :—

(*k*) Agriculture.
(*l*) Sericulture.
(*m*) Veterinary Science.
(*n*) Civil Engineering.
(*o*) Mechanical Engineering.
(*p*) Electrical Engineering.
(*q*) Automobile Engineering.
(*r*) Teaching.
(*s*) Commerce.
(*t*) Prints and Engraving
(*u*) Printing and Binding.
(*v*) Pharmacy.
(*w*) Music.
(*x*) Home Science.
(*y*) Painting and Drawing.

DETAILED SYLLABUS.

14. Page 115 of the Calendar—

Change 'Diploma' *into* 'Diplomas.'

Under Diplomas *for* Licensed Medical Practitioners.

Substitute—

Diploma in Medical Practice.
" Agriculture.
" Sericulture.
" Veterinary Science.
" Engineering (Civil).
" Engineering (Mechanical).
" Engineering (Electrical.)
" Engineering (Automobile).
Diploma in Teaching.
" Commerce.
" Prints and Engraving.
" Printing and Binding.
" Pharmacy.
" Music.
" Home Science.
" Painting and Drawing.

By Order,
V. GOPALASWAMI AIENGAR,
Registrar.

DEPARTMENT OF PUBLIC INSTRUCTION

OFFICE OF THE DIRECTOR OF PUBLIC INSTRUCTION IN MYSORE, BANGALORE.

Notification D. No. 72—T. B. C. of 37-38, *dated* 21*st April* 1938.

Rapid Reading Books for the Middle School, and Upper Primary Examinations of 1939.

The following books are prescribed as Rapid Reading texts for the Middle School, and Upper Primary Examination of 1939 :—

Kannada.—"Jeevana chithragalu"—only the following selections :—

1. ಇದೇನು ಹೀಗೂ ಉಂಟೆ ?
2. ಪರೋಪಕಾರದ ಪರಮಾವಧಿ.
3. ಗಮುರ ಗುಂಡಪ್ಪ.
4. ಬರಿಮೈ ಬನವ.
5. ದೈವಪುರುಷಕಾರ.
6. ಪರೋಪದೇಶ.
7. ಪ್ರಜಾಸೇವೆ.

N.B.—A separate volume containing the above selections will be published. Copies can be had of Messrs. K. V. Rama Setty & Co., Lansdowne Buildings, Mysore, or 91, Chickpet, Bangalore City, at 6 annas a copy.

Tamil.—Veruchila Ulagacharitra Kathaigal (more stories from World History) by L. A. Pithavadian (Christian Literature Society for India, Post Box No. 501, Park Town, Madras) Price—7 annas.

Telugu.—Panchatantramu (Panchatantram) Christian Literature Society for India, Park Town, Madras. Price—6 annas.

E. G. MCALPINE,
Director.